

## TO PRESS WORK ON DEFENSES

**Plans Now Before  
Chief of the  
Bureau.**

**NO TURRETS FOR  
HARBOR BATTERIES**

**May Remove Lepers to an Island  
in the Philippine Group.  
Want Information.**

(From an Occasional Correspondent.)

WASHINGTON, D. C., January 6.—Brigadier-General Gillespie, Chief of Engineers, is hard at work upon the report of the board, which recently investigated the island of Oahu, with a view of selecting the proper defensive arrangements, which are needed there. This report, as already noted in the Advertiser, was asked for by him from Col. Heuer, as soon as that officer returned to San Francisco, and he has now at work upon it several of his assistants, with a view of obtaining various opinions upon some portions of the report.

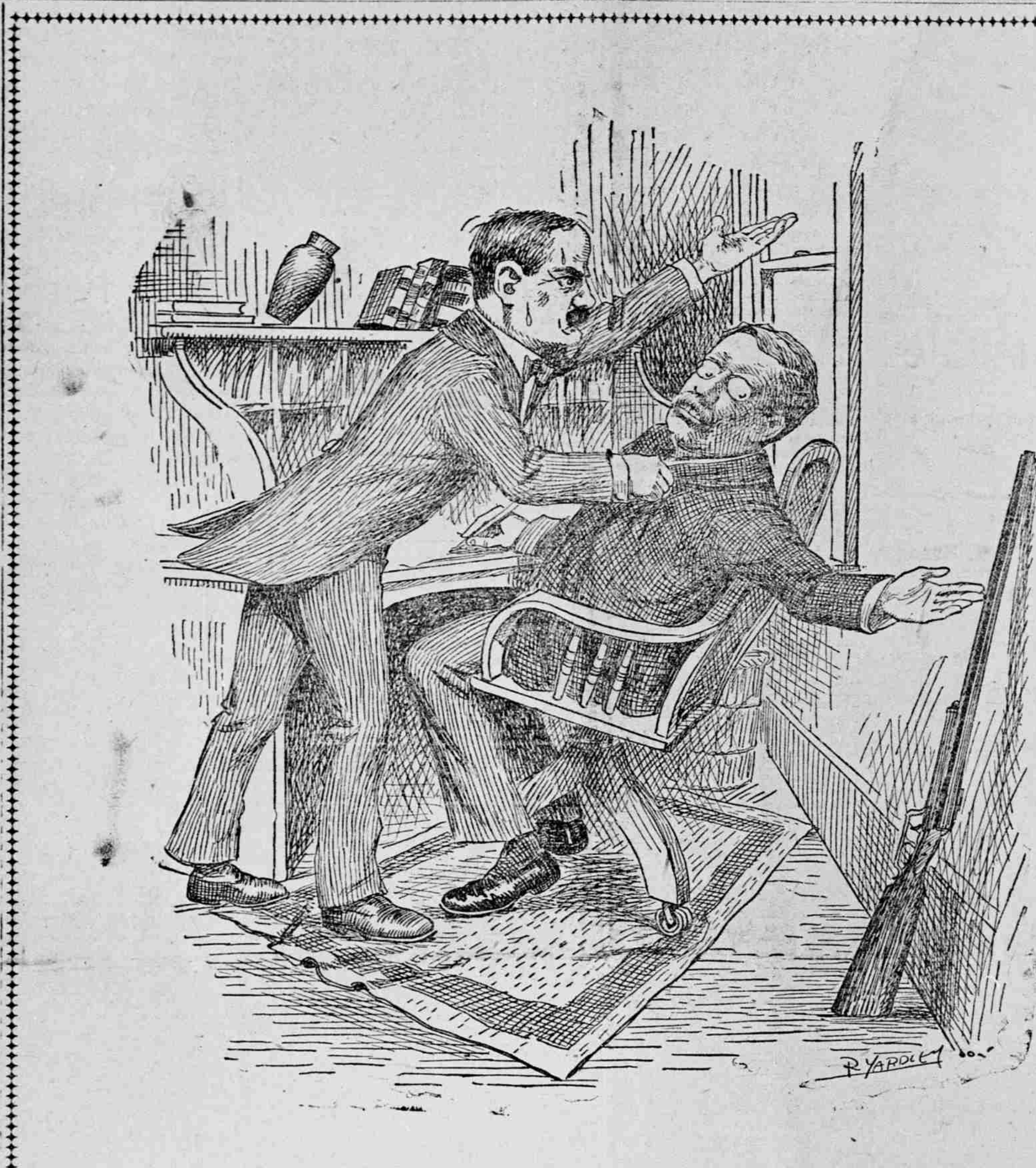
All that may be expected at the present time is an appropriation for the inauguration of the work, and it will be pleasing to the army engineers if the Committees on Fortifications permit to remain in the bill appropriations for the commencement of work at Pearl Harbor. There may be enough in the amount provided for the erection of one fortress at the entrance to Honolulu Harbor, and from the general appropriations for guns, there may be squeezed out something for the sending of high power pieces of lighter caliber than will be needed in those works, for emergency use along the shore line, where there will be finally some lighter forts placed. Should this accomplishment be the result of the campaign of the engineers' bureau there will be much congratulation. But of course this must be taken only as a matter of inauguration of the work, for it is understood that General Gillespie will approve the entire plan as recommended by the Board of Officers.

Just what has been recommended will not be known until the report has been sent to the President, but some points have been gathered. The plan for Pearl Harbor embraces the construction of a very complete fortification upon the eastern shore of the entrance, at first. There is to be placed there, when the full scope of the project is reached, four twelve-inch guns, according to the present plans. These are to be separated by a considerable distance, but the works about each will be connected and they will be supplied from one general bomb-proof storehouse. There will be magazines in the rock and every precaution taken to prevent the chance of the forts being cut off. With time the plan is to construct at a point further west of the mouth of the harbor than the present settlement, another fortress which will be similarly equipped with great guns, and these two, it is planned, will protect the entire water-front from Honolulu to Barber's Point.

**NO TURRET BATTERIES.**  
There will be nothing of the turret battery about the fortifications of Honolulu. The works will be of the substantial type, which will permit practice with the greatest guns afloat, and will offer to any projectile that may be thrown against it, a wall of sand and masonry which will render safe the men and guns which it will shelter. The objection urged to the suggestion that there be placed on the reefs a turret battery is made on the ground that the transportation of men and supplies during an engagement would be hazardous, while shore batteries would have their men at hand or close enough to come to the relief of the crews of the guns.

At the entrance to the Honolulu Harbor there may be placed at once a battery of two 12-inch guns, the fortress being placed on the east end of the sea wall, which extends from the channel, which is considered by the officers most favorably and there is said to be a decided belief that there will be speedy action taken to secure the incorporation of this plan into any general scheme which is to be undertaken at this time. There will be numerous other lighter batteries stationed along the entire waterfront of the city, but these may have to wait for a better season, as projects for the insular possessions are to be quite extensive.

Talking of fortifications for the defense of Honolulu, it has just developed here that there was at one time a most



All I want is a little private interview with Roosevelt.—Geo. A. Davis.

## MAKAWELI TO ISSUE BONDS

At a special meeting of the directors of the Hawaiian Sugar Company held yesterday morning it was voted to issue bonds to the amount of \$1,000,000 for the purpose of carrying out the projected improvements. The vote upon the proposition was unanimous. There was some discussion of the work which is to be done, and the decision reached was that there will be needed for the purpose only about \$400,000 of the sum authorized. This amount will therefore be utilized, and the remainder will remain in the treasury of the company. It is understood that arrangements for the placing of the bonds will be made by Mr. S. T. Alexander, who came down from San Francisco, largely it is said for the purpose of attending to this matter.

There has been some discussion on the street of a plan to issue bonds of the Kihel plantation for a sum said to be in the neighborhood of \$400,000. This plan has not reached any great prominence as yet, but it is receiving much attention from the stockholders. It is said that the present crop will produce something like \$8,000 tons, and the men interested are of opinion that with the floating of a bond issue of a half million dollars there will come something like a dividend very soon. All reports from the plantation are that there will be an excellent yield, and that everything in connection with the next crop is in good shape.

There was a meeting of the directors of the Hilo Railroad Company yesterday afternoon at which various financial arrangements previously made were ratified.

### SIXTO LOPEZ

**He is Going to Manila to Seize the Lion.**

MANILA, Jan. 1.—From telegrams received Wednesday in Manila it is learned that Sixto Lopez has taken passage on the Rosetta Maru for Manila, and as that vessel is now due, another scene will be enacted in the Warren Patterson-Lopez drama.

Senor Lopez has probably decided to come to Manila to look after the members of his family who were arrested at Batangas the other day by General Bell. This decision has in all likelihood been strengthened by his recent interviews at Hongkong with Attorney Terrell and Captain Dwyer. The latter gentleman is also supposed to be a fellow passenger on the Rosetta Maru with Lopez. Whatever the decision may be which prompts the agitator to board the lion in his

## CALIFORNIANS MAKE NEW CONDITIONS AT WAHIAWA

The colony from California at Wahiawa are steadily changing the face of nature in that picturesque and elevated country. Upwards of 2000 peach trees, 1200 orange, 2000 limes, will be planted in orchard by the middle of next month. The upland slopes seem to be the favored home of the lime, banana and pineapple. Sugar cane planted at random trial, in ground commonly called sour, with superficial ploughing, no fertilizer and no irrigation, has achieved a cane in a year's growth, stupendous size and exceptional sweetness. The Hawaiian Pineapple Co., recently incorporated, has already a splendid showing of upwards of 75,000 plants in the ground, making a fine growth. The canner for this company will be built in time to care for the first crop. Soil is already broken on this land leased from the Dowsett Company, and forty acres, controlled by the company is already under cultivation. Most of the land holders are planting pines in greater or less quantity according to the variability of the soil. There are two distinct classes of soil on the tract: a red shoddy soil, which seems the natural home of the pineapple, lime, sugar cane, etc., and a fine black soil in which vegetables, papayas, etc., flourish.

The character of the colony has changed somewhat during the last year, while completing the second year of experiment. The planters have practically settled upon two or three crops, and the larger owners having satisfied their curiosity along the line of the much mooted experimental work, will plant from now on for profit and not for fun.

The tract is already traversed by the ditches of the water company that is to be, and water will be coming down before the next dry season.

This tract of 1200 acres, well watered and suitable for the great tropical products, becomes in the light of President Roosevelt's desired changes in land laws, a rare avis as it is in private ownership.

The Californians are cheerful over their investment of capital, labor and time. The land is a good thing. But that it costs money to achieve residence upon it, is a fact which is not to be denied. The desire for a beautiful and picturesque town has in the face of such discouragements and procrastinations become beautifully less, and the landholders will concentrate on planting for profit. Land in small parcels has to this end become increasingly inaccessible.

### The End in Sight.

Writing and mechanical employees of the Republican have had notice that their services will not be required after February 1st, when the paper will go out of existence.

## THE SURVEYS OF WAIPIO VALLEY

Prof. W. D. Alexander has received the following interesting letter about the Waipio valley surveys:

Kukuihaele, Hawaii, Jan. 14, 1902.  
Prof. W. D. Alexander, Chief of Government Survey, Honolulu, Oahu, H. T.  
Dear Sir:—Some three months ago my attention was called to a newspaper article concerning the investigations which you were making for the U. S. Fish Commission, of the water supply of the Waipio valley; in this were numerous gross exaggerations of facts and a reflection on the accuracy of the government surveys. For several reasons it annoyed me considerably at the time, and in my official correspondence I reported that the statements made were entirely without my authorization, and were quite incorrect in many particulars. I had no desire for a newspaper discussion, and thinking that the story would attract but little attention, I dismissed it from my mind. Since then I find that it has been generally accepted as reliable, and besides appearing in many of the Hawaiian papers, has also been copied by at least one in San Francisco, and two in New York.

Within the last two days I have been told that another story has recently appeared in one of the Hilo papers, purporting to be an interview with a young man who was for a time a member of my party; this is said to contain an assertion to the effect that the Waipio valley is three miles longer than the government survey would indicate.

I have not yet seen the article, nor have I had an opportunity to interview the reputed author of it, but as the matter has thus been given renewed publicity, I feel that it is due to myself with further delay to make an emphatic denial both of the accuracy of the statements referred to, and of any responsibility therefor.

Before I came to Hawaii I was informed by Mr. Rudolph Hering, C. E., of New York, that the government survey work was quite remarkable, both as to accuracy and scope, and I wish to say that so far as my experience has gone, I have ample means to corroborate the assertion, and am ready to place implicit confidence in the data which your office so kindly furnish me. The reputation of your bureau for careful and conscientious work I believe to be such as to need no public refutation of such charges of inaccuracy as have been made, but in case you desire to make use of this letter in any way, you are quite at liberty to do so.

Yours very truly,  
ARTHUR S. TUTTLE,  
Engineer for Water Investigation for B. P. Bishop Museum and B. P. Bishop Estate.

## SAILORS SHOOT AT FELLOWS

**Union Men Assail  
New Comers  
In Port.**

**HYADES SAILORS  
NARROWLY ESCAPE**

**Taken for Non-Union Workers  
They Are Attacked With  
Rock and Bullet.**

THERE was trouble which threatened to be acute last night, near the Railroad wharf, at the same place where the big row between sailors occurred early Sunday morning.

The first intimation of the affair was received by telephone at the police station, shortly after midnight, a mounted patrolman sending a message to the effect that a large number of sailors had gathered near the Railroad wharf, and that shots had been fired.

A dozen armed officers were dispatched to the scene in the patrol wagon, which was hurried along to the limit. At the lumber yard near the wharf everything appeared to be quiet and there were no signs of trouble to be seen or heard. After a little skirmishing, however, a body of sailors was located. These men, fourteen in all, were placed under arrest and taken to the police station, where they were held for investigation.

The men arrested and the ships they belong to are as follows:

Prince Louis—Paul McCully, Charles Anderson, Martin Hansen.  
George Curtis—H. Mahimann, H. C. Clarke, E. C. Seabury, H. Anderson.  
Florence—J. Johansen, Olaf Cieson.  
U. S. S. Mohican—C. N. Zahler, J. T. Karol, E. Chron.

Hyades—Charles Smith, P. Anderson. At the station all the men denied any knowledge of a row, nor did a search reveal any weapons. It looked for a while as if the police had got hold of the wrong crowd.

Two of the men arrested, C. Smith and P. Anderson, of the Hyades, threw unexpected light on the matter. They told Captain Parker that they were the men whom the crowd attacked. From their statements it appears that two bands of union sailors armed with rocks and clubs laid in wait for non-union men last night, the particular game they were after being the men of the freighter Hyades, now lying at the Railroad wharf.

Their plans miscarried, however, and the result was that instead of the rival factions clashing, the two bands of union men came together.

After a fruitless vigil, one of the bands got tired and agreed to call the sport off for the night and return to their respective ships. This they started to do, but fell into the ambush of the other band. Instantly the battle was on, and it was not until hard blows had been exchanged that the mistake was discovered and the battle called off.

One of the Hyades' men who was arrested declares that the shots were fired by Second Officer Seabury of the Curtis. The case will be threshed out in the police court this morning.

### Over Twenty Arrests Made.

Yesterday's list of arrests was an unusually large one for Monday, and long before midnight Turnkey Melanphy was in a quandary how to accommodate his numerous charges. Arrivals continued to be recorded all day, and at midnight, drunks were still being rounded up, and the rumble of the patrol wagon echoed through the deserted streets.

Sweet Emma, who has been good for the past month or so, having been confined in durance vile for smiting a Japanese infant on the head with a poi pounder, blew in at 8 o'clock last night in an accomplished state of liquor. She asked to be permitted to select a cell, and shortly afterwards fell asleep.

Mr. "Sossidges" Schussler, another perennial bloomer in beer gardens, paid his respects to the receiving clerk at 7:45 p. m., and was accorded the consideration due the honored guest. Other arrests were:  
Koyima, Charles Corney, leaving horse untied; Valentine Rodriguez, Manuel Anthonio, vagrancy; Oscar Anderson, common nuisance; Wiwi, assault and battery on Kauai; John Doe, alias Henry Shaw, assault and battery on A. Sarata; Mahalo, Kaalhue (w.), adultery; Joe King, Tanaka, George Anakoli, investigation; J. McKay, assault and battery on McCully; Caesar Garcia, Pons, John Wright, J. Kelly, J. Pleasanton, J. Cook, drunkenness.